L	Hits	Search Text	DB	Time stamp
Number				_
_	119	monochromator and ((linear or thermal)	USPAT	2002/05/15
_	4	adj1 expansion) (monochromator and ((linear or thermal)	USPAT	19:28
	1	adj1 expansion)) and czerny\$	OSTAT	19:22
- ,	6	,	USPAT	2002/05/15
	2	expansion)	HCDAM	18:04
_		(czerny\$ and ((linear or thermal) adj1 expansion)) not ((monochromator and	USPAT	2002/05/02
		((linear or thermal) adj1 expansion)) and		13.10
		czerny\$)		
-	3	5757483.URPN.	USPAT	2002/05/02
-	267	(356/334).ccls.	USPAT	2002/05/02
				19:40
-	13	((356/334).CCLS.) and (iron "stainless steel")	USPAT	2002/05/02
_	218	(concave near mirror) and ((linear or	USPAT	19:41 2002/05/03
		thermal) adj1 expansion)		14:37
-	19	(concave near mirror) same ((linear or	USPAT	2002/05/03
_	145	thermal) adj1 expansion) (concave near mirror) same (iron	USPAT	14:45
		"stainless steel" aluminum sapphire)	USERI	14:47
-	10	monochromator and (substrate same	USPAT	2002/05/06
	33	("concave mirror" or "spherical mirror"))	HCDAM	17:03
-	33	ebert near monochromator	USPAT	2002/05/07
-	38	"czerny-turner" near monochromator	USPAT	2002/05/07
,				09:02
-	8	(ebert near monochromator) and ("czerny-turner" near monochromator)	USPAT	2002/05/07
_	63	ebert near monochromator)	USPAT	2002/05/07
*		("czerny-turner" near monochromator		09:06
-	21	((ebert near monochromator)	USPAT	2002/05/07
		("czerny-turner" near monochromator)) and housing		09:06
_	30	((ebert near monochromator)	USPAT	2002/05/07
		("czerny-turner" near monochromator)) and		09:08
_	7	(housing or substrate) 5192981.URPN.	USPAT	2002/05/07
	,	3192901. ORFN.	OSFAI	09:07
-	13	(((ebert near monochromator)	USPAT	2002/05/07
		("czerny-turner" near monochromator)) and		09:08
		(housing or substrate)) and (aluminum or ceramic)		
-	164	monochromator and (aluminum and ceramic)	USPAT	2002/05/07
				12:16
-	125	<pre>(monochromator and (aluminum and ceramic)) and (substrate or housing)</pre>	USPAT	2002/05/07 12:16
-	1 ,	((monochromator and (aluminum and	USPAT	2002/05/07
,		ceramic)) and (substrate or housing)) and		12:18
_	10	(concave same aluminum)	HCDAT	2002/05/07
-	10	<pre>(monochromator and (aluminum and ceramic)) and (aluminum near ceramic)</pre>	USPAT	2002/05/07 12:18
-	3,8	"czerny-turner" near monochromator	USPAT	2002/05/07
:				13:19
-	119	monochromator and ((linear or thermal) adj1 expansion)	USPAT	2002/05/09 13:47
-	4	(monochromator and ((linear or thermal)	USPAT	2002/05/09
		adj1 expansion)) and "czerny-turner"		13:48
-	1276	grating same concave	USPAT	2002/05/09
_	61	(grating same concave) and (slit same	USPAT	14:55 2002/05/09
	"-	housing)	. · · = = = ==	15:05
-	1168	"optical bench"	USPAT	2002/05/09
_	46	"optical bench" and monochromator	USPAT	15:06 2002/05/09
	70	opered benefit and monocificator	ODENI	15:30
-	2	("optical bench" and monochromator) and	USPAT	2002/05/09
		czerny\$		15:06

Search History 5/16/02 1:15:36 PM Page 1

	712 slit near mount\$		
-	1	USPA	The state of the s
1	(slit near mount\$) and monochromato	OSPA	2002/05/09
1-	and monochromato	r	175.21
l	7 monochromator near plate	r USPA	2002/05/09
	near plate		15:47
1 -	29 monogham	USPAT	[2000 1-
1	monochromator near housing		2002/05/09
-	nousing	USPAT	15:51
1	1 monochromator near "optical bench"	USPAT	2002/05/09
- 1	"optical bench"		176.25
-	167 athermal	USPAT	2002/05/09
ł	achermal		16 27 05/09
-	1 (112 -	USPAT	16:27
1	1 ("5276499").PN.	TOTAL	12002/05/09
-		77075	116:32
	266 "slit housing"	USPAT	2002/05/09
1	nodsing.		16:36
	66 "slit house"	USPAT	2002/0-
	66 "slit housing" and tube		2002/05/14
-		IICDAM	10:10
	8 monochromator same "bottom plate"	USPAT	2002/05/09
	same "bottom plate"	1	16:52
1-	35 "ontion"	USPAT	
.] 1	35 "optical bench" same slit	1 .	2002/05/09
7- 1	/ o / m	USPAT	17:59
1 1	8 ("optical hench"	ODEAL	2002/05/09
1- 1	monochromator same slit) and		17:59
1	712 slit near mounts	USPAT	2002/05/09
1 1	rear mounts	- 1	18:05
1-	251 (slit no.	USPAT	
1 1	251 (slit near mounts) and optics	1	2002/05/09
-	and optics	USPAT	18:06
1	((slit near mount\$) and optic\$) and	USPAT	2002/05/09
1	monochromator and optic\$) and	ļ	18:07
1-	2171 slit same grant	USPAT	2002/05/09
1 1	2171 slit same grating		2002/03/09
1- 1		USPAT	18:18
1	3000 (slit same grating) grating same concav	OBEAL	2002/05/09
1_ 1	grating grating same concar		18:18
1	(slit same grating) and (grating same	e USPAT	2002/05/09
	concave) and (grating same		18:18
-	316 ((slit -	USPAT	
	910 ((S))† same		2002/05/09
_	((slit same grating) and (grating same concave)) and (grating same mirror)	IICD3-	18:19
1	100 (((s)) + same mirror)	USPAT	2002/05/09
1	(((slit same grating) and (grating same mirror) concave)) and (grating same	1	18:19
1	concave)) and (grating same mirror)) and (grating same mirror)) and	USPAT	
	(grating same (- and same mirror)) and	i -	2002/05/09
1	5968 mirror same grating	1.	18:20
- 1	!	Henre	1
1	582 (mirror same grating) same concave	USPAT	2002/05/14
1	same grating) same concerns	1	10:11
-	206 (mirror	USPAT	
	(mirror same grating)		2002/05/14
-	206 ((mirror same grating) same concave) same	e licon	10:11
ĺ	206 ((mirror same grating) same concave) same	e USPAT	2002/05/14
_	slit grating) same concavel	_	16:27
- 1	46 ((mirror	USPAT	2002/05/14
1		1	12:54
	same slit) same (housing substrate plate	USPAT	2000 45-
	(Dasis) ("Dasis) Substrate plate		2002/05/14
1	100 ((m) rror and	1	13:19
1	(((mirror same grating) same concave) same slit) not ((((mirror same grating) same concave) same slit) same ()	1705	1
1	Same conserve ((((mirror same grate	USPAT	2002/05/14
1	same concave) same slit) same grating) substrate plate basis)		13:41
1	substrate plate basis)) ((((mirror	1	aT
1	14 (((mirror ==================================	1	1
1	42 ((((mirror same grating) same concave) same slit) not ((((mirror same grating) same grating)	HEDAG	1
1	Same concave)	USPAT	2002/05/14
1	same concave) same slit) same (housing substrate plate basis)) and (the same slit) same same slit) same (housing substrate plate basis))	1	13:54
	substrate plate basis))) and (thermal		
1	1 ("AZONA	1	1
	1 ("4709989").PN.	1 1	1 .
1	į.	HEDDE	I
	6 ("3848973" "400 ==	USPAT	2002/05/14
	1	1	13:54
	1"4293420" 1 "4237474" 1	IICDam	2002/05/14
	6 ("3848973" "4026746" "4237474" "4293439" "4384909" "4420353")	USPAT	2 101 2 2 11 h 2 3 4
,	9 ("3848973" "4920352") PM	USPAT	1402/03/14
	9 ("3848973" "4920352") PM	lians -	14:02
	9 ("3848973" "4920352") PM	lians -	14:02
	"4293439" "4026746" "4237474" "4237474"	USPAT	14:02 2002/05/14
	("3848973" "4026746" "4237474" 420352").PN. "4293439" "4384909" "4420352").PN.	USPAT	14:02 2002/05/14 14:02
	("3848973" "4026746" "4237474" 420352").PN. "4293439" "4384909" "4420352").PN.	USPAT USPAT	14:02 2002/05/14 14:02 2002/05/14
	("3848973" "4026746" "42352").PN. "4293439" "4384909" "4420352").PN. 4709989.URPN. ("6246470").PN.	USPAT USPAT	14:02 2002/05/14 14:02 2002/05/14 14:02
ch History	("3848973" "4026746" "42352").PN. "4293439" "4384909" "4420352").PN. 4709989.URPN. ("6246470").PN.	USPAT USPAT USPAT	14:02 2002/05/14 14:02 2002/05/14

_				
4 ("4467204)				
- ("4467204" "4796995" "498819 "5209231").PN.				
12 evdokimov.in.	99"	USPAT	100	
1- 1		1	2002/05, 16:20	/14
838 biologically.ti.		USPAT	2002/05/	114
		USPAT	116:23	1
biologically.ti. and "active substance".ti.		l l	2002/05/	14
206 ((mirror same grating) same conca		USPAT	116:24	1
	ive) same	110.7-	2002/05/ 16:24	14
- ((mirror same grating) same concers same slit) same (mount\$3 fix3)	, oune	USPAT	2002/05/1	4
same slit) same grating) same conc (mirror same grating) same conc (mirror same grating) same conc	ave)	USPAT	117:06	1
() () () () () () () () () ()	170 l a -		2002/05/1 16:28	4
166 ((mirror same grating)	·c/ same	US-PGPUI	2002/05/1	
166 ((mirror same grating) same concav	/e) same	EPO; JPC	11/:07	1
-		DERWENT		1
26010 (thermal linear) adj1 expansion		JPO	17:07	
58 (/thorn)	- 1	TDO	2002/05/15 15:17	
(spectral linear) adil eynama	1	JPO	2002/05/15	1
(spectr\$ monochromat\$) (spectr\$ monochromat\$) (thermal linear) adj1 expansion) and (spectr\$ monochromat\$)	and	JPO	15:17	
- (spectr\$ monochromat\$) 513 ((thermal linear)adj1 expansion) an	nd		2002/05/15 15:23	- 1
((thermal linear)adil		EPO;	2002/05/15	
513 ((thermal linear)adj1 expansion) said ((thermal linear)adj1 expansion) said (((thermal linear)adj1 expansion) said ((thermal linear)adj1 expansion)	me t	DERWENT USPAT	1 15:48	;
41 ((thermal linear)adj1 expansion) sai (spectr\$ monochromat\$) and (minus plate)	[-CLAI	2002/05/15	
(spectrs monochromats)) and (mirror base plate)	ame U	SPAT	15:56 2002/05/15	1
"base plate" same housing	same		16:05	
12 ("base plat "	U:	SPAT		1
- ("base plate" same housing) and			2002/05/15	
1726 "base plate" same mirror	US	SPAT	16:14 2002/05/15	
134 ("hase ")	110	PAT	1 16:10	
linear) same mirror) and	03	PAT	2002/05/15	
linear) adjl expansion) 1401 (substrate same mirror) and ((ther linear) adjl expansion) 18 ((substrate same mirror) and ((thermal linear) adjl expansion)	mal Us	PAT	16:16	
linear) adj1 expansion) 18 ((substrate same mirror) and ((thermal	1		2002/05/15 16:35	
18 ((substrate same mirror) and ((thermal linear) adj1 expansion) and (monochromature) and (thermal monochromature)	USI	PAT	2002/05/15	1.
linear) adj1 expansion)) and ((thermal monochromator	l USP		1/:34	1
1079 ((substant		ł	2002/05/15 16:41	1.
1079 ((substrate same mirror) and ((thermal spectrs)) ((substrate same mirror) and (optics)		1	16:41	-
1061 (((substantial of substantial o	USP	1 4	2002/05/15	
lineary same mirror) and	1	1	16:44	
linear) adj1 expansion)) and ((thermal spectr\$)) not (((substrate same mirror) and ((thermal linear) adj1 expansion)) and monochromatical expansions.	USPA	AT 2	002/05/-	»,
	. 1	1	002/05/15 9:02	
and monochromator) adj1 expansion))				
mirror) and ((((substrate				
expansion)) and (ontilinear) adj1	USPAT	r 20	02/05/15	
		17	:07	1
monochromat expansion)) and ((thermal	1	1		
1 ("5166747").PN.		- 1		1
	1			
	USPAT	200	02/05/15	1
linear) adjl expansion)) and ((thermal spectrs)) not (((substrate same mirror) and (optics) and (thermal spectrs)) and ((thermal same mirror)) and (thermal same mirror) and (USPAT	11/:	07	
and ((the (((substrate source)		200	2/05/15	1
and ((thermal linear) adj1 expansion)) substrate same mirror) and (250/\$).ccls.		1/:	49	
substrate same mirror) same((250/\$).ccls. linear) adj1 expansion	1	1	1	
linear) adj1 expansion g monochromator	USPAT	1205		
expansion same ((thermal);		18:3	2/05/15	
athermal and (356/\$).ccls.	USPAT	2002	/05/15	
1 athermal	USPAT	1 18:5	0 1	
achermal and monochromates	1	2002	/05/15	٠,
	USPAT	1 18:00	0/05/15	
7:15:36 PM Page 1	L	18:01	03/15.	
C:\APPS\east\workspaces\09578060				.•

1		9 monochro	mator same ((linear or t) ansion)				
1-	- 1	adj1 exp	ansion)	nermall			
1		1726 "base pl	ate" same mirror		USPAT	2002/05/	/15
-	1	-	Same mirror		1		/ 13
1	- 1	23 ("base p]	late" same mirror) same (dj1 expansion)		USPAT	2002/05/	/15
-	1 ~	linear) a	ddj1 expansion) same ((thermal		18:39	13
	2	971 plate sam	expansion)	/ cuermar	USPAT	2002/05/	1 -
1-	1 .	f			1	18:36	12
1	21	245 (plate sa	me mirror) not ("base pla or)		USPAT	2002/05/	1.5
1_	1	same mirr	me mirror) not ("base pl	ata!!	1	18:40	15
1	1				USPAT	2002/05/1	
-	1 .	Same minn	ame mirror) not ("base pl or)) same ((thermal linea		I	18:42	15
1	1	expansion)	or)) same ((thermal line	ate"	USPAT		
1-	1	87 ((nlata	Tines	r) adj1	1	2002/05/1	15
1	1				1	18:42	
1		Same mirro	ame mirror) not ("base p r)) same ((thermal linea) not (("base plate"	late"	USPAT	1	
1	1				OLAI	2002/05/1	5
	1	murror) sa	not (("base plate" same me ((thermal line)	e		18:43	
-	l						
		2 spectrosco	De same //+b	ĺ		1	
-	1	expansion)	pe same ((thermal linear)	adi1	IIcna-	1	
.	1	7 optic\$ near	((linear or thermal) ad)1	USPAT	2002/05/15	;
- 1		expansion)	((timear or thermal) ad	11		18:50	,
- 1		- I IUDLICS no-	- / / - ·	5- 1	USPAT	2002/05/16	
_		expansion	and (356/\$).ccls.	d÷1 .		09:54	
1	442	1 optics same	and (356/\$).ccls.	4)1	USPAT	2002/05/15	
_		expansion	(linear or thermal) add	: -		19:31	
1	292	1 1001.105 00	_ * *	1	JSPAT	2002/05/16	
1		expansion)	e ((linear or thermal)			09:55	
ĺ		Same (/)	and ((material substance or thermal) ac	ij1 υ	SPAT	2002.45	
		expanse ((11nea	and ((material substance or thermal) adj1	:)		2002/05/16	
- 1	6.	expansion))		1		09:56	
	-	TITOPEICS sa	me ((linear or thermal) and ((material substant				
1		expansion))	me ((linear or thermal) and ((material substance r or thermal)	adj1 Us	SPAT		
- 1		Same ((linea	and ((material substance r or thermal) adj1)		2002/05/16	- 1
ĺ		Lexpansioniii	adil	1	•	10:03	- 1
1		thermal) adj	and (mirror same ((lineal expansion))) and	ar or			- 1
1	5377			-			- 1
1	22//	monolithic ar	ld mirror			1	- 1
1	2.4			110	D.3.00		
1	24	((monolithic	and mirror) and	05	PAT	2002/05/16	- 1
1	200	(356/\$).ccls	and mirror) and) and monochromator nd mirror	110		10:03	- 1
	323	(monolithic =) and monochromator nd mirror) and (356/\$).co	051	PAT	2002/05/16	1
1	-		""" and (356/6)	710		10:04	1
1	351			cls. USE	PAT	2002/05/16	1.
.		expansion	((linear or thermal) adj nd ((material substance) or thermal)	.		10:23	- 1
1					AT	2002/05/16	1
1		expansion	nd ((material substance) or thermal) adj1 und (mirror same ((linear expansion))	1		10:24	- 1
1	- 1	thermall a	nd (mirror same //1:	1		40.24	- 1
1	32	thermal) adj1 \$"221922"	expansion))	or			- 1
.		-41377	//	1	1		
1	2	110005 45		JPO	1	2000	- 1
1	4	"02054130"		1 52.0	1	2002/05/16	- 1
1	105			JPO	1	11:42	- 1
1	102	"88647"		100	1	2002/05/16	.
				TDC	- 1	11:43	
				JPO	1	2002/05/16	1